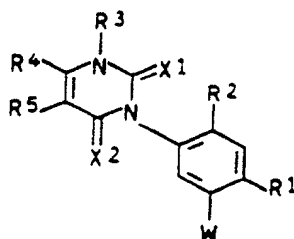
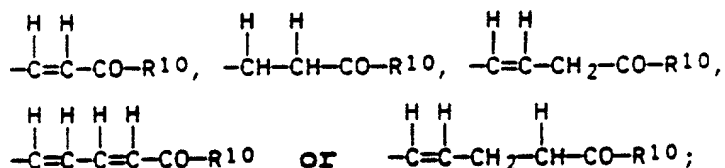


Abstract of the Disclosure: Substituted 3-phenyluracils
I



where X^1 - X^4 are each O or S; W is unsubstituted or substituted $-\text{CH}=\text{O}$, $-\text{CH}=\text{S}$, $-\text{CH}=\text{NH}$, $-\text{CH}(\text{X}^3\text{R}^6)(\text{X}^4\text{R}^7)$,



R⁶ and R⁷ are each C₁-C₆-alkyl, C₃-C₆-alkenyl, C₃-C₆-alkynyl or C₁-C₆-alkoxy-C₁-C₆-alkyl or together form a carbon chain;

R¹⁰ is H, OH, SH, an ether or thioether group, unsubstituted or substituted C₁-C₆-alkyl, C₃-C₆-alkenyl, C₃-C₆-alkynyl, C₃-C₇-cycloalkyl, unsubstituted or substituted amino or unsubstituted or substituted phenyl;

R¹ is halogen, CN, NO₂ or CF₃;

R^2 is H or halogen;

R³ is H, C₁-C₆-alkyl, C₃-C₆-alkenyl, C₃-C₆-alkynyl, C₃-C₈-cycloalkyl, C₃-C₈-cycloalkylcarbonyl, C₁-C₆-cyanoalkyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy-C₁-C₆-alkyl, CHO, C₁-C₆-alkanoyl, C₁-C₆-alkoxycarbonyl, C₁-C₆-haloalkylcarbonyl, unsubstituted or substituted amino, unsubstituted or substituted phenyl or phenyl-C₁-C₆-alkyl;

R⁴ and R⁵ are each H, CN, halogen, unsubstituted or substituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₇-cycloalkyl or unsubstituted or substituted phenyl;

R⁵ may additionally be NO₂, CHO, C₁-C₆-alkylcarbonyl, C₁-C₆-haloalkylcarbonyl, C₁-C₆-alkoxycarbonyl or unsubstituted or substituted amino, or

R⁴ and R⁵ together form an unsubstituted or substituted

carbon chain,

with the proviso that R^4 is not CF_3 at the same time as R^5 is H when W is $-CH=CH-CO-R^{10}$ where R^{10} is C_1-C_6 -alkoxy or C_3-C_7 -cycloalkoxy,

and the salts and enol ethers of I in which R^3 is H, are used for the desiccation and defoliation of plants and as insecticides and herbicides.